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INDUSTRY SERIES

1987
Census of Manufactures

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OFFICE, PUBLIC BUILDING, AND MISCELLANEOUS FURNITURE; OFFICE AND STORE FIXTURES

Industries 2521, 2522, 2531, 2541, 2542, 2591, and 2599

INTRODUCTION

This report presents preliminary statistics from the 1987 Census of Manufactures for those establishments classified in the industries listed above. These data will be superseded by a more comprehensive final paperbound report. The method of data collection and use of administrative data are discussed in detail in the appendix.

All dollar figures included in this report are at prices current for the year specified and, therefore, unadjusted for changes in price levels. Consequently, when making comparisons to prior years, users should take into consideration the inflation that has occurred.

The definitions of these industries are the same as those used in the 1987 Standard Industrial Classification (SIC) Manual.[1]

INDUSTRY 2521, WOOD OFFICE FURNITURE

In the 1987 Census of Manufactures, Industry 2521, Wood Office Furniture, had employment of 30.5 thousand. The employment figure was 45 percent above the 21.0 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $2.1 billion.

In 1987, establishments in this industry accounted for 91 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 84. The products primary to this industry appear in table 2 and aggregated to $2.0 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $819.3 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2522, OFFICE FURNITURE, EXCEPT WOOD

In the 1987 Census of Manufactures, Industry 2522, Office Furniture, Except Wood, had employment of 49.8 thousand. The employment figure was 32 percent above the 37.8 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $5.5 billion.

In 1987, establishments in this industry accounted for 96 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 91. The products primary to this industry appear in table 2 and aggregated to $5.3 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $2.0 billion in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2531, PUBLIC BUILDING AND RELATED FURNITURE

In the 1987 Census of Manufactures, Industry 2531, Public Building and Related Furniture, had employment of 20.9 thousand. The employment figure was 11 percent above the 18.8 thousand reported in 1982.

[1]**Standard Industrial Classification Manual: 1987.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

Address inquiries to Bureau of the Census, Industry Division, Washington, DC 20233, or call **David J. Gromos** (301) 763-2510.

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The total value of shipments for establishments classified in this industry was $1.8 billion.

In 1987, establishments in this industry accounted for 91 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 86. The products primary to this industry appear in table 2 and aggregated to $1.8 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $983.1 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2541, WOOD PARTITIONS AND FIXTURES

In the 1987 Census of Manufactures, Industry 2541, Wood Partitions and Fixtures, had employment of 40.4 thousand. The employment figure was 27 percent above the 31.7 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $2.8 billion.

In 1987, establishments in this industry accounted for 90 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 91. The products primary to this industry appear in table 2 and aggregated to $2.8 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $1.2 billion in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2542, PARTITIONS AND FIXTURES, EXCEPT WOOD

In the 1987 Census of Manufactures, Industry 2542, Partitions and Fixtures, Except Wood, had employment of 33.0 thousand. The employment figure was 18 percent above the 28.0 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $2.7 billion.

In 1987, establishments in this industry accounted for 93 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 91. The products primary to this industry appear in table 2 and aggregated to $2.4 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $1.2 billion in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2591, DRAPERY HARDWARE AND BLINDS AND SHADES

In the 1987 Census of Manufactures, Industry 2591, Drapery Hardware and Blinds and Shades, had employment of 20.4 thousand. The employment figure was 30 percent above the 15.7 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $1.8 billion.

In 1987, establishments in this industry accounted for 96 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 97. The products primary to this industry appear in table 2 and aggregated to $1.6 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $872.3 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2599, FURNITURE AND FIXTURES, N.E.C.

In the 1987 Census of Manufactures, Industry 2599, Furniture and Fixtures, N.E.C., had employment of 28.7 thousand. The employment figure was 43 percent above the 20.1 thousand reported in 1982.

The total value of shipments for establishments classified in this industry was $1.9 billion.

In 1987, establishments in this industry accounted for 90 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 82. The products primary to this industry appear in table 2 and aggregated to $1.8 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $777.5 million in 1987. Data on specific materials consumed appear in table 3.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in the tables in this publication:

-	Represents zero.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(NA)	Not available.
(NC)	Not comparable.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half the unit shown.
do	Ditto.
n.e.c.	Not elsewhere classified.
n.s.k.	Not specified by kind.
pt.	Part.
r	Revised.
SIC	Standard Industrial Classification.

Other abbreviations, such as lb, gal, yd, doz, bbl, and s tons, are used in the customary sense.

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone
Census/ASM		
Durables	Kenneth Hansen	(301) 763-7304
Nondurables	Michael Zampogna	(301) 763-2510
Current Industrial Reports		
Durables	Malcolm Bernhardt	(301) 763-2518
Nondurables	Thomas Flood	(301) 763-5911
Import/Export Publications	Foreign Trade Division	(301) 763-5140
Industry Analysis and Forecasts	International Trade Administration	(202) 377-4356

Table 1. Historical Statistics for the Industry: 1987 and Earlier Years

[Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix.]

Year[1]	Companies[2] (no.)	All establishments[3]		All employees		Production workers			Value added by manufacture[4] (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories[4] (million dollars)	Ratios	
		Total (no.)	With 20 employees or more (no.)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						Specialization (percent)	Coverage (percent)
INDUSTRY 2521, WOOD OFFICE FURNITURE															
1987 Census	(NA)	640	230	30.5	555.3	23.9	47.4	373.2	1 274.1	819.3	2 086.7	48.1	335.9	93	91
1986 ASM	(NA)	(NA)	(NA)	24.8	426.2	19.8	37.9	288.9	913.8	608.9	1 530.2	42.1	274.7	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	23.7	410.5	18.5	37.0	270.0	942.8	557.4	1 505.4	54.8	260.0	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	24.8	406.6	19.6	39.1	272.4	909.4	586.7	1 477.9	45.2	271.5	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	20.8	324.0	16.6	32.6	212.1	712.6	473.4	1 166.6	[5]47.0	224.8	(NA)	(NA)
1982 Census	430	446	175	21.0	296.1	16.6	32.0	194.0	659.0	424.2	1 087.4	32.6	198.2	91	84
1981 ASM	(NA)	(NA)	(NA)	19.3	263.7	14.9	29.7	170.0	644.8	419.0	1 055.7	36.6	178.8	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	20.3	263.4	15.5	27.7	154.3	602.1	446.0	1 034.8	45.5	210.1	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	20.1	249.2	15.6	31.3	153.9	599.4	444.0	1 023.0	35.5	182.6	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	17.5	199.8	13.7	26.6	129.2	425.2	300.3	712.1	37.3	137.7	(NA)	(NA)
1977 Census	316	331	119	16.0	165.0	12.8	25.5	110.2	381.3	239.0	612.0	26.5	107.1	85	90
1976 ASM	(NA)	(NA)	(NA)	12.8	115.9	10.7	20.1	81.1	207.2	153.1	356.5	6.3	71.4	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	11.6	98.2	9.7	17.4	68.1	166.5	127.6	294.8	[5]5.8	61.6	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	13.4	106.3	11.4	22.0	78.2	186.4	150.4	335.9	7.4	67.9	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	12.4	90.1	10.4	20.7	67.2	142.0	121.7	264.5	10.5	58.5	(NA)	(NA)
1972 Census	232	240	104	11.5	80.1	9.6	19.4	60.1	146.7	106.2	249.7	7.3	50.1	90	84
INDUSTRY 2522, OFFICE FURNITURE, EXCEPT WOOD															
1987 Census	(NA)	334	206	49.8	1 230.5	35.9	69.9	778.0	3 488.9	1 993.3	5 468.2	234.5	647.8	94	96
1986 ASM	(NA)	(NA)	(NA)	43.7	1 072.5	30.8	61.0	679.7	2 874.1	1 861.7	4 728.9	218.3	562.9	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	44.6	1 036.1	31.8	62.9	670.2	2 687.9	1 847.6	4 530.2	171.9	577.9	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	40.4	931.1	29.4	59.4	595.2	2 487.4	1 567.7	4 027.2	159.5	522.3	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	39.1	816.5	28.4	53.8	519.1	2 073.4	1 313.9	3 350.5	185.0	473.7	(NA)	(NA)
1982 Census	224	254	162	37.8	754.8	27.3	53.2	483.9	1 817.9	1 230.9	3 062.7	114.2	427.4	90	91
1981 ASM	(NA)	(NA)	(NA)	34.7	646.2	25.8	51.1	437.0	1 506.8	1 058.1	2 563.3	91.6	338.7	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	33.0	549.2	24.4	48.3	380.4	1 337.8	906.3	2 224.2	107.0	289.2	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	29.8	465.0	23.4	47.2	335.4	1 059.8	769.4	1 818.1	81.4	260.2	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	31.0	435.9	24.3	48.4	311.6	958.1	684.2	1 631.8	56.0	253.3	(NA)	(NA)
1977 Census	167	192	114	29.0	377.6	22.3	43.6	265.7	854.8	553.2	1 397.4	41.1	237.2	94	92
1976 ASM	(NA)	(NA)	(NA)	25.7	298.5	18.9	37.3	201.6	652.4	452.3	1 094.0	[5]34.2	209.2	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	25.2	272.0	18.4	36.5	183.1	589.5	399.4	981.9	23.9	189.8	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	31.1	313.3	24.1	49.0	221.1	645.2	436.4	1 069.4	25.2	202.0	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	30.1	286.4	22.7	46.5	192.4	638.9	394.8	1 023.7	39.6	167.6	(NA)	(NA)
1972 Census	165	193	118	27.8	249.9	20.8	42.9	168.0	513.2	353.2	861.5	24.5	144.5	90	89
INDUSTRY 2531, PUBLIC BUILDING AND RELATED FURNITURE															
1987 Census	(NA)	483	203	20.9	378.4	15.8	31.5	245.4	846.6	983.1	1 825.9	32.1	219.6	93	91
1986 ASM	(NA)	(NA)	(NA)	22.9	399.7	17.4	33.0	257.4	827.7	831.6	1 654.8	[5]42.1	246.2	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	21.2	369.9	15.8	31.0	232.6	728.2	687.5	1 415.8	46.0	219.3	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	20.7	350.1	15.4	30.5	218.5	683.9	640.5	1 317.0	[5]42.3	237.6	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	19.1	318.8	14.0	26.9	190.3	609.4	586.8	1 197.8	[5]25.4	222.3	(NA)	(NA)
1982 Census	394	413	181	18.8	294.9	13.8	26.2	175.8	578.8	521.6	1 102.8	24.8	203.7	84	86
1981 ASM	(NA)	(NA)	(NA)	20.8	293.1	15.0	29.1	177.3	579.5	579.3	1 140.2	[5]27.9	200.1	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	21.8	274.8	15.7	29.0	164.2	557.7	561.5	1 121.9	[5]33.7	177.4	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	23.0	263.3	17.1	31.7	162.9	539.8	521.7	1 047.8	[5]21.5	175.0	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	20.2	231.5	14.9	29.5	139.0	416.8	440.8	850.7	30.0	161.8	(NA)	(NA)
1977 Census	401	420	185	20.0	214.3	15.0	29.2	132.9	414.9	381.8	787.4	22.3	138.3	88	87
1976 ASM	(NA)	(NA)	(NA)	20.6	196.4	15.8	29.6	125.5	373.0	371.8	743.8	15.6	121.2	(NA)	(NA)
1975 ASM[6]	(NA)	(NA)	(NA)	20.0	173.6	15.6	28.0	115.8	331.1	317.1	657.5	15.8	113.4	(NA)	(NA)
1974 ASM[6]	(NA)	(NA)	(NA)	21.6	186.1	16.9	31.7	[5]24.5	338.7	305.8	643.1	15.6	135.7	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	22.2	169.1	17.4	33.0	112.0	299.6	265.6	564.9	13.0	121.0	(NA)	(NA)
1972 Census	405	422	195	21.4	157.8	16.3	31.6	103.8	295.9	249.5	535.3	13.0	108.6	86	87
INDUSTRY 2541, WOOD PARTITIONS AND FIXTURES															
1987 Census	(NA)	1 841	555	40.4	857.7	30.1	60.7	563.8	1 602.7	1 206.6	2 803.6	65.4	346.3	94	90
1986 ASM	(NA)	(NA)	(NA)	34.0	721.0	26.3	51.9	487.8	1 349.3	993.1	2 337.9	[5]75.7	291.2	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	35.6	703.0	27.3	52.8	483.3	1 325.8	988.6	2 315.3	[5]62.9	292.6	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	35.0	687.9	26.7	51.1	471.3	1 304.0	998.2	2 288.4	[5]42.4	298.1	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	31.5	560.9	24.2	43.7	384.8	1 100.3	753.5	1 851.2	[5]24.7	255.8	(NA)	(NA)
1982 Census	1 547	1 580	388	31.7	543.0	24.3	46.9	379.6	1 017.1	746.3	1 766.7	39.2	250.3	92	91
1981 ASM	(NA)	(NA)	(NA)	34.9	514.5	28.5	53.2	357.0	913.5	716.3	1 603.2	[5]20.6	249.8	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	32.8	453.0	26.7	49.1	313.0	814.2	645.9	1 440.4	[5]17.6	206.2	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	31.7	413.0	25.6	48.7	286.1	722.2	592.0	1 294.7	[5]17.1	184.9	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	31.6	403.9	24.6	47.6	279.7	736.1	597.7	1 325.3	[5]32.7	185.6	(NA)	(NA)
1977 Census	1 572	1 598	394	29.4	352.9	23.0	45.3	241.0	621.4	496.1	1 105.8	22.4	158.2	92	88
1976 ASM	(NA)	(NA)	(NA)	29.1	316.0	23.0	43.5	215.8	543.0	449.5	992.9	[5]21.3	126.6	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	27.3	279.2	21.6	41.5	194.5	481.4	382.6	867.1	[5]14.7	123.2	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	29.2	288.6	23.4	45.1	202.7	517.7	390.7	911.2	18.3	121.8	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	32.3	285.9	25.8	50.1	201.9	496.3	377.1	866.8	15.6	133.4	(NA)	(NA)
1972 Census	1 473	1 503	412	31.2	268.2	24.8	48.3	187.6	458.6	341.9	793.2	14.6	118.0	92	89
INDUSTRY 2542, PARTITIONS AND FIXTURES, EXCEPT WOOD															
1987 Census	(NA)	587	297	33.0	680.3	24.3	48.7	425.3	1 485.0	1 219.4	2 685.2	58.8	446.2	89	93
1986 ASM	(NA)	(NA)	(NA)	32.4	641.1	23.9	47.5	406.7	1 374.3	1 178.2	2 554.2	50.2	383.5	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	32.3	615.0	24.2	45.9	388.5	1 308.4	1 166.8	2 490.5	61.8	393.3	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	32.8	601.1	25.1	46.8	382.8	1 295.1	1 126.2	2 390.9	50.2	406.9	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	28.7	510.0	21.3	41.0	311.9	1 090.4	915.7	2 000.9	32.5	367.3	(NA)	(NA)
1982 Census	533	568	299	28.0	482.0	20.5	38.9	294.5	1 062.5	874.4	1 943.2	48.1	342.0	89	91
1981 ASM	(NA)	(NA)	(NA)	26.6	439.8	20.1	39.8	275.6	995.7	804.1	1 790.0	[5]52.5	299.4	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	28.0	422.2	20.8	41.6	270.0	921.6	800.3	1 718.5	38.3	299.6	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	29.0	400.3	22.2	44.5	265.3	900.3	793.2	1 688.2	31.9	303.9	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	28.7	350.5	21.7	41.2	228.5	769.8	688.3	1 436.4	50.2	260.1	(NA)	(NA)

See footnotes at end of table.

Table 1. Historical Statistics for the Industry: 1987 and Earlier Years—Con.

[Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix.]

Year[1]	Companies[2] (no.)	All establishments[3] Total (no.)	All establishments[3] With 20 employees or more (no.)	All employees Number (1,000)	All employees Payroll (million dollars)	Production workers Number (1,000)	Production workers Hours (millions)	Production workers Wages (million dollars)	Value added by manufacture[4] (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories[4] (million dollars)	Ratios Specialization (percent)	Ratios Coverage (percent)
INDUSTRY 2542, PARTITIONS AND FIXTURES, EXCEPT WOOD—Con.															
1987 Census	508	536	272	28.0	322.2	21.3	40.5	213.2	689.7	630.2	1 303.0	36.5	236.5	89	91
1986 ASM	(NA)	(NA)	(NA)	21.9	242.3	16.3	31.5	156.2	517.8	454.9	959.3	16.7	177.1	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	21.0	212.3	14.8	29.6	131.8	458.8	406.2	878.2	21.6	165.2	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	25.6	237.9	18.4	37.6	150.1	546.8	458.3	987.6	22.2	185.8	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	26.3	231.3	19.5	38.7	149.1	444.8	367.8	805.6	22.7	142.3	(NA)	(NA)
1972 Census	482	507	239	26.2	215.7	19.9	38.5	143.1	412.4	326.3	734.5	19.4	119.5	90	86
INDUSTRY 2591, DRAPERY HARDWARE AND BLINDS AND SHADES															
1987 Census	(NA)	480	141	20.4	337.9	15.7	30.8	221.1	888.3	872.3	1 755.3	26.6	334.6	99	96
1986 ASM	(NA)	(NA)	(NA)	18.2	296.2	13.7	26.8	188.8	748.5	822.6	1 570.6	15.9	280.7	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	18.4	294.9	14.2	27.3	189.8	692.3	768.3	1 473.6	26.1	275.9	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	17.7	274.8	13.5	26.2	174.2	660.8	706.0	1 354.2	35.1	289.0	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	16.8	257.5	12.5	24.1	163.1	712.4	649.2	1 332.1	18.7	260.8	(NA)	(NA)
1982 Census	404	435	127	15.7	223.7	11.7	22.0	146.8	556.6	557.6	1 114.4	31.3	211.3	97	97
1981 ASM	(NA)	(NA)	(NA)	15.8	213.1	11.2	21.8	126.5	541.5	570.8	1 080.9	23.0	189.2	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	15.7	199.4	11.0	21.1	119.1	458.2	502.6	958.4	24.0	155.2	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	15.3	183.8	11.4	21.7	114.5	438.4	447.5	879.9	26.6	145.4	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	15.4	172.6	11.7	22.6	117.4	431.8	406.8	834.1	19.7	133.6	(NA)	(NA)
1977 Census	435	456	85	13.6	145.6	10.3	20.0	99.1	345.0	331.6	675.1	16.7	115.6	95	96
1976 ASM[6]	(NA)	(NA)	(NA)	12.6	116.3	9.6	16.1	78.6	265.0	265.7	530.5	12.4	95.4	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	11.1	99.6	8.1	13.4	63.8	201.0	208.6	423.1	[5]10.5	97.2	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	12.1	99.4	8.8	15.7	64.4	225.0	205.1	414.7	8.2	110.2	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	12.6	99.9	9.1	17.3	63.3	225.0	190.3	415.3	6.7	91.3	(NA)	(NA)
1972 Census	493	505	66	12.1	94.4	8.7	17.1	56.6	198.2	163.9	364.5	9.9	79.7	90	96
INDUSTRY 2599, FURNITURE AND FIXTURES, N.E.C.															
1987 Census	(NA)	1 421	343	28.7	542.0	21.2	41.1	328.5	1 148.8	777.5	1 923.3	37.6	261.9	93	90
1986 ASM	(NA)	(NA)	(NA)	23.9	449.1	17.1	34.0	273.2	994.0	719.8	1 713.7	32.8	250.5	(NA)	(NA)
198[5] ASM	(NA)	(NA)	(NA)	24.8	465.0	18.2	36.4	281.2	966.2	760.9	1 724.7	42.0	262.7	(NA)	(NA)
198[4] ASM	(NA)	(NA)	(NA)	23.1	415.9	17.0	34.8	251.0	866.4	737.0	1 599.8	49.6	245.5	(NA)	(NA)
198[3] ASM	(NA)	(NA)	(NA)	21.6	374.4	15.9	32.5	230.6	785.9	691.6	1 457.9	17.8	246.8	(NA)	(NA)
198[2] Census	819	832	221	20.1	327.4	14.9	29.4	204.8	682.0	595.8	1 275.7	30.0	199.6	90	82
198[1] ASM	(NA)	(NA)	(NA)	15.6	242.2	12.1	24.7	155.9	515.9	461.6	973.4	[5]24.8	161.5	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	18.2	255.6	14.2	28.0	163.4	538.0	450.7	992.8	[5]20.7	166.9	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	18.5	235.4	14.4	30.5	157.5	474.8	422.2	868.9	[5]20.7	170.2	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	20.1	239.3	15.4	31.0	155.8	478.4	390.2	859.4	[5]16.6	151.0	(NA)	(NA)
1977 Census	528	541	195	18.1	201.4	13.7	27.0	131.0	401.9	310.1	705.2	12.0	120.1	87	82
1976 ASM	(NA)	(NA)	(NA)	13.5	145.6	10.5	20.0	91.5	268.4	244.2	513.6	[5]9.3	88.8	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	13.6	139.4	10.3	20.4	87.2	261.1	231.7	500.8	[5]10.2	92.7	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	14.3	141.3	11.6	23.7	91.4	274.6	201.8	470.4	[5]10.4	94.1	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	15.9	134.6	12.6	25.0	90.5	270.1	193.0	451.5	6.8	77.5	(NA)	(NA)
1972 Census	477	494	177	14.5	115.5	11.6	22.9	79.6	211.7	163.0	372.0	14.8	52.7	87	79

Note: Establishments of single unit companies with up to 20 employees (cutoff varied by industry) were excluded from the mail portion of the census. Data for these establishments (and a small number of larger establishments whose reports were not received at the time the data were tabulated) were estimated based on administrative-record information from other agencies in conjunction with industry averages. These establishments accounted for the following percent of total value of shipments: SIC 2521, 12%; SIC 2522, 3%; SIC 2531, 13%; SIC 2541, 22%; SIC 2542, 13%; SIC 2591, 16%; SIC 2599, 28%.

[1]In annual survey of manufactures (ASM) years, data are estimates based on a representative sample of establishments canvassed annually and may differ from results of a complete canvass of all establishments. ASM publication shows percentage standard errors. Unless otherwise noted, for data prior to 1972, see 1972 Census of Manufactures, vol. II, table 1a of the Industry chapter.

[2]For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

[3]Includes establishments with payroll at any time during year.

[4]Beginning with the 1982 Census of Manufactures, all respondents were requested to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior Censuses and annual surveys of manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, inventories and value added by manufacture are not comparable to prior-year data.

[5]Estimates for new capital expenditures have associated standard error of 15 percent or more and may be of limited reliability. Estimates for other data items are of acceptable reliability.

[6]Data either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data; thus, these estimates may be of limited reliability.

Table 2. Product and Product Classes—Value of Shipments by All Producers: 1987 and 1982

[Includes value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987 Number of companies with shipments of $100,000 or more	1987 Value of product shipments[1] (million dollars)	1982 Number of companies with shipments of $100,000 or more	1982 Value of product shipments[1] (million dollars)
2521- —	**WOOD OFFICE FURNITURE**				
	Total	**(NA)**	**2 027.8**	**(NA)**	**1 132.1**
25210 —	Wood office furniture:				
25210 00	Wood office furniture (for additional detail, see Current Industrial Report MA-25H, Office Furniture)	(NA)	1 959.5	(NA)	1 099.5
25210 02	Wood office furniture, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	68.3	(NA)	32.6

See footnotes at end of table.

Table 2. Product and Product Classes—Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987		1982	
		Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)	Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)
2522- —	**OFFICE FURNITURE, EXCEPT WOOD**				
	Total	**(NA)**	**5 278.6**	**(NA)**	**2 951.8**
25221 —	Office seating, including upholstered, except wood:				
25221 00	Office seating, including upholstered, except wood (for additional detail, see Current Industrial Report MA-25H, Office Furniture)	(NA)	1 185.8	91	708.0
25225 —	Office desks and extensions, except wood:				
25225 00	Office desks and extensions, except wood (for additional detail, see Current Industrial Report MA-25H, Office Furniture)	(NA)	342.6	66	232.2
25226 —	Office storage units, files, and tables, except wood:				
25226 00	Office storage units, files, and tables, except wood (for additional detail, see Current Industrial Report MA-25H, Office Furniture)	(NA)	1 424.7	171	991.1
25227 —	Office panel and modular systems furniture and all other nonwood office furniture, n.e.c.:				
25227 00	Office panel and modular systems furniture and all other nonwood office furniture, n.e.c. (for additional detail, see Current Industrial Report MA-25H, Office Furniture)	(NA)	2 113.8	54	969.8
25220 —	Office furniture, except wood, n.s.k.	(NA)	211.7	(NA)	50.6
25220 00	Office furniture, except wood, n.s.k., typically for establishments with 10 employees or more (see note)	(NA)	158.9	(NA)	30.7
25220 02	Office furniture, except wood, n.s.k., typically for establishments with less than 10 employees (see note)	(NA)	52.8	(NA)	19.9

1987 product code	Product	1987			1982		
		Number of companies with shipments of $100,000 or more	Product shipments[1]		Number of companies with shipments of $100,000 or more	Product shipments[1]	
			Quantity[2]	Value (million dollars)		Quantity[2]	Value (million dollars)
2531- —	**PUBLIC BUILDING AND RELATED FURNITURE**						
	Total	**(NA)**	**(X)**	**1 771.7**	**(NA)**	**(X)**	**1 052.5**
25311 —	School furniture, except stone and concrete	(NA)	(X)	269.9	(NA)	(X)	229.5
25311 31	Single pupil units — thousands	(NA)	1 593.8	53.3	12	1 480.8	38.3
25311 36	Chairs, all purpose (nonfolding) — do.	(NA)	3 280.8	68.3	19	919.2	24.3
25311 37	Storage cabinets — do.	(NA)	(S)	38.3	34	**413.9	45.0
25311 98	Other school furniture, designed specifically for use in schools (including 2 or more pupil desks and tables, combination folding tables and benches, tables, teachers' desks, study carrels, chalkboards, etc.)	(NA)	(X)	97.5	66	(X)	106.1
25311 00	School furniture, except stone and concrete, n.s.k.	(NA)	(X)	12.6	(NA)	(X)	15.7
25312 —	Public building and related furniture, except school furniture	(NA)	(X)	1 287.9	(NA)	(X)	744.1
25312 13	Seats for public conveyances (except aircraft), including automobiles, trucks, buses, and van conversion seats	(NA)	(X)	727.7	60	(X)	309.0
25312 15	Seats for aircraft	(NA)	(X)	145.0			
	Church pews:						
25312 33	Upholstered — 1,000 lin ft.	(NA)	**1 160.3	36.3	40	1 657.2	39.7
25312 35	Nonupholstered — do.	(NA)	(S)	6.6			
25312 39	Other church furniture (pulpits, altars, lecterns, etc.)	(NA)	(X)	17.4	24	(X)	8.7
	Folding tables (including folding banquet tables):						
25312 43	Metal — 1,000 tables	(NA)	*498.3	32.7	10	788.0	35.1
25312 45	Wood — do.	(NA)					
25312 47	Other — do.	(NA)					
	Chairs and seats (including theater, auditorium, and institutional):						
25312 51	Fixed — 1,000 chairs	(NA)	**916.6	64.5	10	(S)	45.1
25312 55	Portable folding chairs, single or ganged — do.	(NA)	*2 568.3	26.3	10	4 620.7	33.7
25312 57	Stacking chairs — do.	(NA)	712.6	24.4	17	(S)	20.7
25312 59	Other chairs, including freestanding — do.	(NA)	*243.3	28.4	18	1 508.1	41.1
25312 61	Stadium and bleacher seating, including grandstands	(NA)	(X)	76.1	18	(X)	63.9
25312 71	Library furniture, all types (including chairs, charging desks, study carrels, reading tables, etc.)	(NA)	(X)	21.9	18	(X)	25.7
25312 97	Other public building furniture	(NA)	(X)	47.9	47	(X)	101.3
25312 00	Public building and related furniture, except school, n.s.k.	(NA)	(X)	32.9	(NA)	(X)	20.2
25310 —	Public building and related furniture, n.s.k.	(NA)	(X)	214.0	(NA)	(X)	79.0
25310 00	Public building and related furniture, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	142.7	(NA)	(X)	50.5
25310 02	Public building and related furniture, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	71.3	(NA)	(X)	28.5

See footnotes at end of table.

Table 2. Product and Product Classes—Value of Shipments by All Producers: 1987 and 1982 —Con.

[Includes value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987		1982	
		Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)	Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)
2541- —	**WOOD PARTITIONS AND FIXTURES**				
	Total	**(NA)**	**2 765.9**	**(NA)**	**1 676.8**
25411 —	Wood partitions, shelving, and lockers	(NA)	183.7	(NA)	152.5
25411 11	Partitions, prefabricated (assembled or knocked-down)	(NA)	81.1	41	68.6
25411 21	Shelving	(NA)	72.8	53	63.1
25411 31	Lockers	(NA)	12.4	9	9.0
25411 00	Wood partitions, shelving, and lockers, n.s.k.	(NA)	17.4	(NA)	11.8
25412 —	Plastics laminated fixture tops:				
25412 00	Plastics laminated fixture tops (including tops for drainboards, sinks, cabinets, tables, counters, and fixtures)	(NA)	430.7	160	236.9
25413 —	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures	(NA)	1 419.2	(NA)	997.0
	Store fixtures, retail, except food stores:				
	Custom:				
25413 32	Walls and wall fixtures	(NA)	159.8	98	121.5
25413 33	Center floor tables and gondolas	(NA)	123.1	89	95.3
25413 34	Other fixtures and displays	(NA)	299.7	141	174.7
	Manufacturers' standard:				
25413 35	Walls and wall fixtures	(NA)	57.6	18	19.4
25413 36	Center floor tables and gondolas	(NA)	42.7	14	17.0
25413 37	Other fixtures and displays	(NA)	51.3	36	64.8
25413 38	Store fixtures for retail food stores, wood	(NA)	111.1	49	89.0
25413 39	Other show and display cases (including wall types) and tables, wood	(NA)	88.1	72	100.6
25413 41	Cabinets (floor or wall types), wood	(NA)	96.1	99	81.7
25413 61	Counters, except bank counters, wood	(NA)	54.6	80	47.8
25413 81	Bank fixtures, wood (including bank counters)	(NA)	22.8	69	36.6
25413 97	Other, including window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, etc.	(NA)	75.4	83	120.1
25413 00	Wood fixtures for stores, banks and offices, and other miscellaneous fixtures, n.s.k.	(NA)	235.8	(NA)	28.4
25410 —	Wood partitions and fixtures, n.s.k.	(NA)	732.4	(NA)	290.3
25410 00	Wood partitions and fixtures, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	622.1	(NA)	216.5
25410 02	Wood partitions and fixtures, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	110.3	(NA)	73.8
2542- —	**PARTITIONS AND FIXTURES, EXCEPT WOOD**				
	Total	**(NA)**	**2 412.9**	**(NA)**	**1 828.2**
25421 —	Metal partitions, prefabricated (assembled or knocked-down)	(NA)	158.5	(NA)	218.0
25421 13	Toilet partitions	(NA)	67.5	15	69.3
25421 17	Movable (except freestanding)	(NA)	57.8	20	32.9
25421 19	Other partitions (excluding accordion and folding-type doors)	(NA)	22.3	32	87.7
25421 00	Metal partitions, n.s.k.	(NA)	10.8	(NA)	28.0
25422 —	Metal shelving and lockers	(NA)	526.5	(NA)	469.4
	Shelving:				
25422 33	Commercial shelving (factories, stores, etc.)	(NA)	288.5	59	310.7
25422 37	Bookstacks (library, office, and school)	(NA)	45.5	11	16.5
25422 41	Other shelving, including office shelving for correspondence, computer tapes, microfilm, etc., including shelf files with or without doors	(NA)	73.0	21	53.5
25422 51	Lockers	(NA)	109.5	21	83.2
25422 00	Metal shelving and lockers, n.s.k.	(NA)	10.1	(NA)	5.5
25423 —	Metal storage racks and accessories	(NA)	425.7	(NA)	342.9
25423 41	Drive-in/drive-thru and gravity conveyor pallet storage racks	(NA)	34.8	23	63.6
25423 43	Cantilever storage racks	(NA)	28.5	18	29.8
25423 45	Portable stacking racks and frames	(NA)	48.4	29	40.8
25423 47	Stacker-racks (pallet support, beams perpendicular to the storage aisle)	(NA)	28.2	14	29.1
25423 49	Other racks, including conventional pallet racks and accessories	(NA)	254.5	54	174.0
25423 00	Metal storage racks and accessories, n.s.k.	(NA)	31.2	(NA)	5.4
25424 —	Metal fixtures for stores, banks, and offices, and miscellaneous fixtures	(NA)	952.6	(NA)	636.3
	Store fixtures, retail, except food stores:				
25424 63	Custom	(NA)	235.8	69	142.6
25424 65	Manufacturers' standard	(NA)	233.1	37	166.2
25424 67	Store fixtures for retail food stores, metal	(NA)	123.2	25	56.8
25424 69	Other show and display cases (including wall types) and tables, metal	(NA)	55.9	31	45.8
25424 71	Cabinets (floor or wall types), metal	(NA)	173.1	38	67.2
25424 81	Counters, except bank counters, metal	(NA)		12	20.3
25424 97	Window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, bank fixtures (including counters, except ornamental metal work, etc.)	(NA)	87.6	56	109.2
25424 00	Metal fixtures for stores, banks and offices, and miscellaneous fixtures, n.s.k.	(NA)	44.0	(NA)	28.1
25425 —	Nonwood and nonmetal partitions and fixtures for stores, banks, and offices; and shelving, lockers, and racks:				
25425 00	Nonwood and nonmetal partitions and fixtures for stores, banks, and offices; and shelving, lockers, and racks (except household) (excluding freestanding office partitions)	(NA)	31.8	(D)	(D)
25420 —	Partitions and fixtures, except wood, n.s.k.	(NA)	317.8	(NA)	161.6
25420 00	Partitions and fixtures, except wood, n.s.k., typically for establishments with 10 employees or more (see note)	(NA)	221.6	(NA)	129.6
25420 02	Partitions and fixtures, except wood, n.s.k., typically for establishments with less than 10 employees (see note)	(NA)	96.2	(NA)	32.0

See footnotes at end of table.

Table 2. Product and Product Classes—Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987		1982	
		Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)	Number of companies with shipments of $100,000 or more	Value of product shipments[1] (million dollars)
2591- —	**DRAPERY HARDWARE AND BLINDS AND SHADES**				
	Total	**(NA)**	**1 649.6**	**(NA)**	**1 001.2**
25913 —	Window shades and accessories	(NA)	205.0	(NA)	181.0
25913 11	Plastics window shades	(NA)	40.3	28	108.4
25913 13	Other window shades, including cloth, paper, etc.	(NA)	134.3	42	54.1
25913 15	Window shade accessories and rollers sold separately	(NA)	9.4	7	9.6
25913 00	Window shades and accessories, n.s.k.	(NA)	21.1	(NA)	9.0
25914 —	Venetian blinds	(NA)	792.7	(NA)	406.5
	Complete venetian blinds, vertical and horizontal:				
25914 52	Aluminum-slat blinds	(NA)	444.8	68	245.4
25914 58	All other venetian blinds, including wood, plastics, steel, etc.	(NA)	207.1	50	84.8
25914 71	Unassembled venetian blinds, parts, and components	(NA)	126.1	10	70.7
25914 00	Venetian blinds, n.s.k.	(NA)	14.7	(NA)	5.7
25915 —	Other shades and blinds, n.e.c., and curtain and drapery rods, poles, and other hardware	(NA)	415.2	(NA)	301.8
25915 11	Other shades and blinds, except canvas and other textile fabrics, including wood, metal, plastics, chip, bamboo, rattan, reed, etc.	(NA)	70.5	34	51.2
25915 17	Curtain and drapery rods, poles, and fixtures, excluding window shade accessories	(NA)	320.2	20	239.9
25915 00	Other shades and blinds, n.e.c., n.s.k.	(NA)	24.4	(NA)	10.7
25910 —	Drapery hardware and window blinds and shades, n.s.k.	(NA)	236.7	(NA)	111.9
25910 00	Drapery hardware and window blinds and shades, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	181.9	(NA)	90.7
25910 02	Drapery hardware and window blinds and shades, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	54.8	(NA)	21.2
2599- —	**FURNITURE AND FIXTURES, N.E.C.**				
	Total	**(NA)**	**1 837.5**	**(NA)**	**1 271.3**
25991 —	Hospital beds:				
25991 00	Hospital beds	(NA)	182.1	22	116.4
25992 —	Restaurant, cafeteria, and bar furniture and fixtures	(NA)	713.3	(NA)	553.1
	Wood chairs and stools:				
25992 31	Upholstered	(NA)	109.3	29	85.9
25992 33	Nonupholstered	(NA)	28.7		
	Metal chairs and stools:				
25992 35	Upholstered	(NA)	65.0	22	72.8
25992 37	Nonupholstered	(NA)	6.3		
25992 47	Booths, bars, and back bars	(NA)	71.3	61	52.2
25992 48	Other restaurant, cafeteria, bar, and bowling center furniture and fixtures, including food service counters, dish tables, tableware dispensers, tables, table tops and bases, tray stands, serving tables, bus carts, food trucks, etc. (excluding cooking, warming, refrigeration, etc., equipment)	(NA)	365.7	144	342.2
25992 00	Restaurant, cafeteria, and bar furniture and fixtures, n.s.k.	(NA)	66.9	(NA)	(4)
25994 —	All other furniture and fixtures, n.e.c.	(NA)	277.0	(NA)	305.6
25994 51	Industrial work benches and stools	(NA)	65.4	23	40.4
25994 97	Other furniture and fixtures, n.e.c., except household (including ship furniture, amusement game cabinets, portable work benches, sorting cases and cabinets)	(NA)	211.6	[3]122	[3]265.2
25994 00	All other furniture and fixtures, n.e.c., n.s.k.	–	–	(NA)	(4)
25990 —	Furniture and fixtures, n.e.c., n.s.k.	(NA)	665.1	(NA)	296.3
25990 00	Furniture and fixtures, n.e.c., n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	559.8	(NA)	[4]247.1
25990 02	Furniture and fixtures, n.e.c., n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	105.3	(NA)	49.2

Note: In 1987 Census of Manufactures, data for establishments of small single unit companies with up to 20 employees were estimated from administrative-record data rather than data actually collected from respondents. Employment cutoffs used for administrative records for each industry and shipments figures are included in code ending with "002". In both 1987 and 1982 Censuses of Manufactures, products not completely identified on standard forms were coded in appropriate product class (five-digit) followed by "00" or to appropriate product group code (four-digit) followed by "000".

[1]Data reported by all producers, not just those with shipments of $100,000 or more.
[2]For some establishments, data have been estimated from central unit values which are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: * 10 to 19 percent estimated; ** 20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by (S).
[3]For 1982, product code 2542500 was included with product code 2599497.
[4]For 1982, product codes 2599200 and 2599400 were included in product code 2599000.

Table 3. Materials Consumed by Kind: 1987 and 1982

[Includes cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 material code	Material	1987 delivered cost (million dollars)	1982 delivered cost (million dollars)
	INDUSTRY 2521, WOOD OFFICE FURNITURE		
	Materials, parts, and supplies	**700.9**	**373.0**
242111	Hardwood lumber, rough and dressed	82.5	47.9
242123	Softwood lumber, rough and dressed	4.1	2.7
243540	Hardwood veneer	51.8	20.9
243510	Hardwood plywood	32.2	25.7
243601	Softwood plywood	16.8	3.4
249310	Particleboard (wood)	48.8	19.2
249330	Medium density fiberboard (MDF)	3.4	1.3
249340	Hardboard (wood fiberboard)	7.2	1.8
265001	Paperboard containers, boxes, and corrugated paperboard	24.1	10.9
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	18.3	9.5
308301	Plastics laminated sheets	18.0	10.1
229508	Coated or laminated fabrics for upholstery, including vinyl coated	33.2	15.6
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:		
331012	Sheet and strip	(D)	(D)
331085	All other carbon steel mill shapes and forms, including tubing	6.2	1.9
331020	Alloy steel mill shapes and forms, except stainless	6.9	3.4
331031	Stainless steel mill shapes and forms	(D)	1.2
335001	Aluminum and aluminum-base alloy mill shapes and forms	3.3	(D)
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	52.6	39.2
308971	Plastics furniture parts and components	10.2	1.8
970099	All other materials and components, parts, containers, and supplies	104.7	68.5
971000	Materials, parts, containers, and supplies, n.s.k.[1]	163.2	86.3
	INDUSTRY 2522, OFFICE FURNITURE, EXCEPT WOOD		
	Materials, parts, and supplies	**1 804.9**	**1 153.9**
242111	Hardwood lumber, rough and dressed	17.0	12.3
242123	Softwood lumber, rough and dressed	9.0	1.7
243540	Hardwood veneer	21.1	16.0
243510	Hardwood plywood	7.1	3.4
243601	Softwood plywood	7.7	2.0
249310	Particleboard (wood)	34.7	17.8
249340	Hardboard (wood fiberboard)	6.8	5.3
265001	Paperboard containers, boxes, and corrugated paperboard	92.1	42.2
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	59.8	42.6
308301	Plastics laminated sheets	41.5	22.5
229508	Coated or laminated fabrics for upholstery, including vinyl coated	182.2	75.4
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:		
331012	Sheet and strip	370.9	271.4
331085	All other carbon steel mill shapes and forms, including tubing	68.4	39.3
331020	Alloy steel mill shapes and forms, except stainless	11.7	2.6
331031	Stainless steel mill shapes and forms	4.3	4.4
335001	Aluminum and aluminum-base alloy mill shapes and forms	48.2	24.3
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	94.4	66.1
308971	Plastics furniture parts and components	98.3	33.8
970099	All other materials and components, parts, containers, and supplies	430.8	348.1
971000	Materials, parts, containers, and supplies, n.s.k.[1]	198.9	122.7
	INDUSTRY 2531, PUBLIC BUILDING AND RELATED FURNITURE		
	Materials, parts, and supplies	**882.2**	**489.2**
242111	Hardwood lumber, rough and dressed	30.4	25.6
242123	Softwood lumber, rough and dressed	4.4	1.4
243540	Hardwood veneer	4.7	3.5
243510	Hardwood plywood	8.8	10.6
243601	Softwood plywood	3.4	3.0
249310	Particleboard (wood)	14.4	14.7
249330	Medium density fiberboard (MDF)	1.6	1.1
249340	Hardboard (wood fiberboard)	3.1	.9
265001	Paperboard containers, boxes, and corrugated paperboard	11.3	10.5
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	11.2	7.6
308301	Plastics laminated sheets	14.7	14.4
229508	Coated or laminated fabrics for upholstery, including vinyl coated	149.8	23.7
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:		
331012	Sheet and strip	52.8	48.1
331085	All other carbon steel mill shapes and forms, including tubing	79.0	16.1
331020	Alloy steel mill shapes and forms, except stainless	23.9	1.1
331031	Stainless steel mill shapes and forms		6.6
335001	Aluminum and aluminum-base alloy mill shapes and forms	37.9	25.4
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	58.5	23.0
308971	Plastics furniture parts and components	50.2	24.9
970099	All other materials and components, parts, containers and supplies	177.8	[146.9
971000	Materials, parts, containers, and supplies, n.s.k.[1]	144.3	60.1
	INDUSTRY 2541, WOOD PARTITIONS AND FIXTURES		
	Materials, parts, containers, and supplies	**1 040.3**	**634.7**
242111	Hardwood lumber, rough and dressed	43.0	24.1
242123	Softwood lumber, rough and dressed	14.2	13.5
243540	Hardwood veneer	8.8	5.6
243510	Hardwood plywood	22.9	11.8
243601	Softwood plywood	13.4	17.4
249310	Particleboard (wood)	81.8	57.1
249330	Medium density fiberboard (MDF)	21.6	8.4
249340	Hardboard (wood fiberboard)	11.6	10.8

See footnotes at end of table.

Table 3. **Materials Consumed by Kind: 1987 and 1982**—Con.

[Includes cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 material code	Material	1987 delivered cost (million dollars)	1982 delivered cost (million dollars)
	INDUSTRY 2541, WOOD PARTITIONS AND FIXTURES—Con.		
265001	Paperboard containers, boxes, and corrugated paperboard	16.3	8.9
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	16.3	11.5
308301	Plastics laminated sheets	100.9	51.1
229508	Coated or laminated fabrics for upholstery, including vinyl coated	5.1	3.7
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:		
331012	Sheet and strip	6.9	22.1
331085	All other carbon steel mill shapes and forms, including tubing	1.9	7.7
331020	Alloy steel mill shapes and forms, except stainless	16.9	6.0
331031	Stainless steel mill shapes and forms	2.7	2.8
335001	Aluminum and aluminum-base alloy mill shapes and forms	6.2	4.6
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc	31.9	33.8
308971	Plastics furniture parts and components	17.0	4.6
970099	All other materials and components, parts, containers, and supplies	147.4	111.9
971000	Materials, parts, containers, and supplies, n.s.k.[1]	453.5	217.3
	INDUSTRY 2542, PARTITIONS AND FIXTURES, EXCEPT WOOD		
	Materials, parts, containers, and supplies	**1 030.4**	**761.0**
242111	Hardwood lumber, rough and dressed	2.0	3.4
242123	Softwood lumber, rough and dressed	3.4	3.0
243540	Hardwood veneer	(2)	.7
243510	Hardwood plywood	7.0	1.0
243601	Softwood plywood	2.7	2.5
249310	Particleboard (wood)	14.9	10.1
249330	Medium density fiberboard (MDF)	3.8	1.5
249340	Hardboard (wood fiberboard)	22.1	10.5
265001	Paperboard containers, boxes, and corrugated paperboard	34.4	21.8
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	41.2	25.4
308301	Plastics laminated sheets	11.8	4.2
229508	Coated or laminated fabrics for upholstery, including vinyl coated	2.9	1.3
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:		
331012	Sheet and strip	362.5	299.3
331085	All other carbon steel mill shapes and forms, including tubing	107.8	54.2
331020	Alloy steel mill shapes and forms, except stainless	9.3	10.1
331031	Stainless steel mill shapes and forms	8.9	4.9
335001	Aluminum and aluminum-base alloy mill shapes and forms	18.1	14.8
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc	29.6	21.4
308971	Plastics furniture parts and components	9.5	3.9
970099	All other materials and components, parts, containers, and supplies	[3]141.3	158.0
971000	Materials, parts, containers, and supplies, n.s.k.[1]	197.2	109.0

1987 material code	Material	1987		1982	
		Quantity[3]	Delivered cost (million dollars)	Quantity[3]	Delivered cost (million dollars)
	INDUSTRY 2591, DRAPERY HARDWARE AND BLINDS AND SHADES				
	Materials, parts, and supplies	**(X)**	**722.6**	**(X)**	**460.1**
	Mill shapes and forms, except castings:				
	Carbon steel:				
331012	Sheet and strip, 1,000 s tons	39.7	43.8	100.7	79.4
331019	All other carbon steel mill shapes and forms, do	*2.9	10.7	(NA)	(4)
	Aluminum and aluminum-base alloy:				
335301	Sheet, plate, and foil, mil lb	*31.6	89.1	43.0	65.6
335405	Extruded shapes, including extruded rod, bar, pipe, tube, etc., do	(S)	29.5	(S)	15.8
335008	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.), do	(S)	23.1	*7.3	9.9
229506	Plastics coated fabrics and shade cloth	(X)	64.7	**27.7	42.6
229801	Cordage, mil lb ft	(S)	20.2	466.6	8.0
224110	Woven narrow tape and webbing, do	(S)	7.2	170.8	13.7
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	54.8	(X)	41.4
970099	All other materials, components, parts, containers, and supplies	(X)	106.0	(X)	[4]98.0
971000	Materials, components parts, containers, and supplies, n.s.k.[1]	(X)	273.5	(X)	85.7

1987 material code	Material	1987 delivered cost (million dollars)	1982 delivered cost (million dollars)
	INDUSTRY 2599, FURNITURE AND FIXTURES, N.E.C.		
	Materials, parts, and supplies	**649.7**	**481.9**
242111	Hardwood lumber, rough and dressed	34.4	16.6
242123	Softwood lumber, rough and dressed	4.0	4.2
243540	Hardwood veneer	1.3	4.7
243510	Hardwood plywood	5.2	6.8
243601	Softwood plywood	3.6	5.9
249310	Particleboard (wood)	5.9	4.1
249330	Medium density fiberboard (MDF)	2.1	1.5
249340	Hardboard (wood fiberboard)	1.5	1.1
265001	Paperboard containers, boxes, and corrugated paperboard	8.8	6.6
285101	Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products	9.0	7.5
308301	Plastics laminated sheets	11.4	6.3

See footnotes at end of table.

Table 3. **Materials Consumed by Kind: 1987 and 1982**—Con.

[Includes cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 material code	Material	1987 delivered cost (million dollars)	1982 delivered cost (million dollars)
	INDUSTRY 2599, FURNITURE AND FIXTURES, N.E.C.—Con.		
229508	Coated or laminated fabrics for upholstery, including vinyl coated	19.6	10.2
	Mill shapes and forms, except castings:		
	Carbon steel, including wrought iron:	21.2	18.3
331012	Sheet and strip	13.9	32.3
331085	All other carbon steel mill shapes and forms, including tubing	5.9	5.8
331020	Alloy steel mill shapes and forms, except stainless	26.1	40.9
331031	Stainless steel mill shapes and forms	16.3	15.9
335001	Aluminum and aluminum-base alloy mill shapes and forms		18.4
342901	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	30.9	5.6
308971	Plastics furniture parts and components	6.0	113.9
970099	All other materials and components, parts, containers, and supplies	153.5	155.3
971000	Materials, parts, containers, and supplies, n.s.k.[1]	269.1	

[1]Total cost of materials of establishments that did not report detailed materials data, including establishments that were not mailed a form.

[2]For 1987, material code 243540 is included with 970099.

[3]For some establishments, data have been estimated from central unit values which are based on quantity-cost relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: * 10 to 19 percent estimated; ** 20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by (S).

[4]For 1982, material code 331019 was included with 970099.

APPENDIX
Scope and Coverage and Explanation of Terms

GENERAL

The 1987 Census of Manufactures is the 32nd census of manufacturing establishments conducted in the United States. For 1987, it was conducted as part of the economic censuses, which included the censuses of mineral industries, construction industries, retail and wholesale trades, service industries, selected transportation activities, and minority-owned and women-owned businesses, under authority of title 13 of the United States Code. Title 13 specifies that an economic census be conducted every 5 years to cover years ending in 2 and 7.

SCOPE AND COVERAGE

Establishment Basis of Reporting

The census of manufactures is conducted on an establishment basis. All manufacturing establishments with one paid employee or more at any time during the year are covered by the census of manufactures. Therefore, a company operating at more than one location is required to file a separate report for each location. This report excludes information for separately operated administrative offices, warehouses, garages, and other auxiliary units which service manufacturing establishments of the same company. Where these auxiliary operations are conducted at the same location as the manufacturing operation, they are usually included in the report for the operating manufacturing establishment.

Use of Administrative Records

From a universe of approximately 350,000 manufacturing establishments in the 1987 Census of Manufactures, approximately 150,000 small single-establishment companies were excused from filing reports. Selection of the small establishment nonmail cases was done on an industry-by-industry basis. A variable cutoff was used to determine those establishments for which administrative records were to be used in place of a census report. The cutoffs were selected so the administrative-record cases would account for approximately 3 percent or less of the value of shipments for the industry. These cutoffs were then adjusted so that all single-establishment companies with less than 5 employees were excluded from the mail canvass, while all establishments with more than 20 employees were included. Where establishments in the 5 to 20 employee size range were included in the mail canvass, an abbreviated census form was frequently used.

For these nonmail establishments, (and a small number of larger establishment whose reports were not received at the time the data were tabulated) data on employment, payroll, and receipts were obtained from administrative records of other government agencies rather than from census forms. The administrative-record information was then used in conjunction with industry averages to estimate the data for these establishments. The value of shipments and cost of materials were not distributed among specific products and materials but were included in the product and material "not specified by kind" (n.s.k.) categories.

EXPLANATION OF TERMS

Number of establishments and companies–A separate report was required for each manufacturing establishment (plant) with one employee or more. An establishment is defined as a single physical location where manufacturing is performed. A company, on the other hand, is defined as a business organization consisting of one establishment or more under common ownership or control.

All employees–Includes all full-time and part-time employees on the payrolls at any time during the year. Included are all persons on paid sick leave, paid holidays, and paid vacations. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average of those for midmonth payroll periods of March, May, August, and November.

Production workers–Includes workers up through the working-supervisor level engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., powerplant), recordkeeping, and other closely associated services. Truckdrivers delivering ready-mixed concrete are also included in production workers.

Other employees–Includes nonproduction personnel, including those engaged in the following activities: supervision above working-supervisor level, sales (including driver/salespersons), sales delivery (truckdrivers and helpers), advertising, credit collection, installation and

servicing of own product, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, etc.), professional, and technical employees.

Payroll–Includes the gross earnings for the "employees" defined above, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. Respondents were told that in reporting they could follow the definition of payrolls used for calculating the Federal withholding tax.

Production-worker hours–Covers hours worked or paid for at the plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave when the employee was not at the plant.

Cost of materials–Refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuels consumed, regardless of whether they were purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

The important components of this cost item are (a) all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year; (b) electric energy purchased; (c) fuels consumed for heat, power, or generating electricity; (d) work done by others on materials or parts furnished by manufacturing establishments (contract work); and (e) products bought and resold in the same condition.

Specific materials consumed (table 3)–In addition to the total cost of materials which every establishment was required to report, information was also collected for most manufacturing industries on the consumption of major materials used in manufacturing. These inquiries were restricted to those materials which were important parts of the cost of production in a particular industry and for which cost information was available from manufacturers' records. Establishments consuming less than a specified amount (usually $10,000) of a specific material were not requested to report consumption of that material separately. Also, the cost of materials for the small establishments for which administrative records were used was estimated as "not specified by kind" (n.s.k.).

Value of shipments and other receipts–Generally refers to received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts such as receipts for contract work performed for others, installation and repair receipts, sale of scrap, and sale of products bought and resold without further processing. Included are all items made by or for the establishment from materials owned by it whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In a few industries, the value of production or value of work completed is used instead of value of shipments. These industries are identified in the introduction and are footnoted in table 1.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, that is, including not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead and profit).

Shipments or production of individual products (table 2)–In the 1987 census, detailed shipment information was collected for approximately 11,000 individual products. These products are identified by a seven-digit code and are grouped into approximately 1,500 classes of products, which in turn are primary to 459 four-digit industries. Data at the five-digit product-class level have been collected each year as part of the annual survey of manufactures. Information at the seven-digit level, collected for many industries in the current industrial reports program, is not included in this table.

Value added by manufacture–This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments for products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacturing, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

For those industries where value of production is collected instead of value of shipments (see footnote in table 1), value added is adjusted only for the change in work-in-process inventories between the beginning and end of the year. For those industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

Value added avoids the duplication in the figure for value of shipments which results from the use of products of some establishments as materials by others. Value

added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Expenditures for new plant and equipment–Establishments in operation and any known plants under construction were asked to report their expenditures for (a) permanent additions and major alterations to manufacturing establishments and (b) new machinery and equipment used for replacement and additions to plant capacity if they are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude expenditures for used plant and equipment, expenditures for land, and cost of maintenance and repairs charged as current operating expenses. Data for used plant and equipment will be published in the final industry bulletin.

End-of-year inventories–Comprised of (a) finished products; (b) work-in-process; and (c) materials, supplies, fuels, etc. Beginning in 1982, respondents were asked to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Therefore, 1982 through 1987 data for inventories are not strictly comparable to prior-year data.

Specialization and coverage ratios–An establishment is classified in a particular industry if its shipments of primary products of the industry exceed in value its shipments of the products of any other single industry. An establishments' shipments include those products assigned to an industry (primary products), those considered primary to other industries (secondary products), and receipts for miscellaneous activities (merchandising, contract work, resales, etc.). The following ratios have been developed to measure the relationship of primary product shipments to the data on shipments for the industry shown in table 1 and data on product shipments shown in table 2.

Specialization ratio–Represents the ratio of primary product shipments to total product shipments (primary and secondary, excluding miscellaneous receipts) for the establishments classified in the industry.

Coverage ratio–Represents the ratio of primary products shipped by the establishments classified in the industry to the total shipments of such products that are shipped by all manufacturing establishments, wherever classified.